

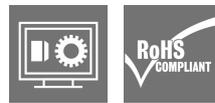
ZPE 2.5/4AN WS**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

Protective earth terminal blocks for the functional earth ensure electromagnetic compatibility within an electrical system. Our portfolio ranges from terminal blocks with one or more connections to various rated cross-sections.

General ordering data

Version	Functional earth terminal block, Tension-clamp connection, 2.5 mm ² , 300 A (2.5 mm ²), white
Order No.	1698110000
Type	ZPE 2.5/4AN WS
GTIN (EAN)	4008 190886356
Qty.	50 items

ZPE 2.5/4AN WS

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Depth	38.5 mm	Depth (inches)	1.5157 inch
Depth including DIN rail	39.5 mm	Height	79.5 mm
Height (inches)	3.1299 inch	Width	5.1 mm
Width (inches)	0.2008 inch	Net weight	13.8 g

Temperatures

Storage temperature	-25 °C...55 °C	Ambient temperature	-5 °C...40 °C
Continuous operating temp., min.	-50 °C	Continuous operating temp., max.	120 °C

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Material data

Basic material	Wemid	Colour	white
UL 94 flammability rating	V-0		

System specifications

Version	Tension-clamp connection, With PE connection, One end without connector	End cover plate required	Yes
Number of potentials	1	Number of levels	1
Number of clamping points per level	4	Levels cross-connected internally	No
PE connection	Yes	Mounting rail	TS 35
PE function	No	PEN function	No

Additional technical data

Installation advice	Direct mounting	Explosion-tested version	No
Type of mounting	Snap-on		

Conductors for clamping (additional connection)

Connection type, additional connection Tension-clamp connection

Conductors for clamping (rated connection)

Gauge to IEC 60947-1	A3	Wire connection cross section AWG, max.	AWG 12
Connection direction	top	Stripping length	10 mm
Type of connection	Tension-clamp connection	Number of connections	4
Clamping range, max.	4 mm ²	Clamping range, min.	0.05 mm ²

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Blade size	0.6 x 3.5 mm	Wire connection cross section AWG, min.	AWG 30
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max.	2.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min.	0.05 mm ²
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	2.5 mm ²	Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.05 mm ²
Wire connection cross section, finely stranded, max.	4 mm ²	Wire connection cross section, finely stranded, min.	0.05 mm ²
Connection cross-section, stranded, max.	4 mm ²	Connection cross-section, stranded, min.	0.05 mm ²
Wire connection cross-section, solid core, max.	4 mm ²	Wire connection cross-section, solid core, min.	0.05 mm ²
Connection cross-section, finely stranded, min.	0.05 mm ²		

General

Wire connection cross section AWG, max.	AWG 12	Installation advice	Direct mounting
Wire connection cross section AWG, min.	AWG 30	Standards	IEC 60068-2-20
Mounting rail	TS 35		

Rating data

Rated cross-section	2.5 mm ²	Rated voltage to adjoining terminal	800 V
Rated DC voltage	800 V	Standards	IEC 60068-2-20
Volume resistance according to IEC 60947-7-x	1.33 mΩ	Rated impulse withstand voltage to adjacent terminal	8 kV
Power loss in accordance with IEC 60947-7-x	0.77 W	Pollution severity	3

Classifications

ETIM 8.0	EC000901	ETIM 9.0	EC000901
ETIM 10.0	EC000901	ECLASS 14.0	27-25-01-03
ECLASS 15.0	27-25-01-03		

Drawings

